



Attorney Docket No.: 205-007US2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David E. Wolf et al. Art Unit: 1743  
Serial No.: 10/632,725 Examiner:  
Filed: August 1, 2003  
Title: METHOD OF MEASURING MOLECULAR INTERACTIONS

**Mail Stop Non-Fee Amendment**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

INFORMATION DISCLOSURE STATEMENT

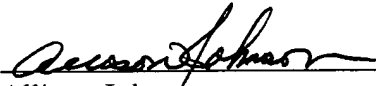
Applicants submit the 21 (twenty-one) references listed on the attached form PTO-1449. A copy of each reference that is not a United States Patents or Patent Application is enclosed. Applicants request that the Examiner indicate his or her review of each document by initialing each entry and then return a copy of the initialed substitute Form 1449 to Applicants.

This statement is being filed pursuant to 37 CFR 1.97(b)(3) before the mailing of a first Office action on the merits.

Please apply any fees owing or credit any overpayment to Deposit Account No.501,171.

Respectfully submitted,

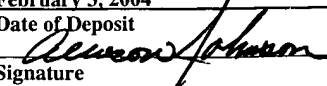
Date: February 3, 2004

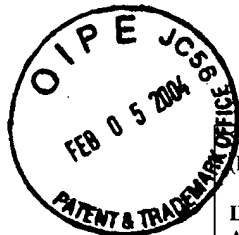
  
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**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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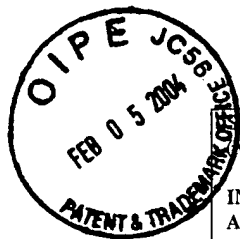
Substitute form PTO-1449 (Modified)	U.S. Department of Commerce	Attorney Docket No. 205-007US2	Application No. 10/632,725
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (37 C.F.R. §1.98(b))		Applicant David E. Wolf et al.	
		Filing Date August 1, 2003	Group Art Unit 1743

U.S. PATENT DOCUMENTS							
Examiner Initials	I.D.	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date if Appropriate
	AA	6,203,994	03/20/01	Epps et al.			
	AB	4,868,103	09/19/89	Stavrianopoulos, et al.	435	5	
	AC	5,439,797	08/08/95	Tsien, et al.	435	7.21	
	AD	5,998,204	12/07/99	Tsien, et al.	435	325	
	AE	6,291,201	09/18/01	Garman	435	23	
	AF						
	AG						

FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
Examiner Initials	ID	Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Translation	
							Yes	No
	AH	WO 01/55452	08/02/01	PCT				
	AI							
	AJ							

OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION)		
Examiner Initials	ID	Document
	AK	Doi, N., "Novel fluorescence labeling and high-throughput assay technologies for in vitro analysis of protein interactions," <i>Genome Research</i> , <a href="http://www.genome.org">www.genome.org</a> , vol. 12, pages 487-492 (Feb. 2002).
	AL	Lam, K.S. et al., "Synthesis of One-Bead One-Compound Combinatorial Peptide Library," <i>Methods in Molecular Biology</i> , vol. 87: 20 (1-6) Combinatorial Peptide Library Protocols (S. Cabilly, Humana Press Inc., Totowa, NJ (1998).
	AM	Johnsson, K. et al., "Phage Display of Combinatorial Peptide and Protein Libraries and Their Applications in Biology and Chemistry," <i>Combinatorial Chemistry in Biology</i> (M. Famulok et al. Eds) pages 87-105 (1999).

Examiner Signature	Date Considered
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



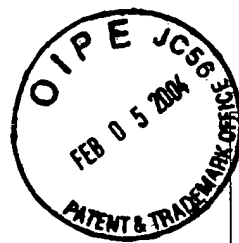
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U.S. PATENT DOCUMENTS							
Examiner Initials	I.D.	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date if Appropriate
	BA						

FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
Examiner Initials	ID	Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Translation	
							Yes	No
	BB							

OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION)		
Examiner Initials	ID	Document
	BC	Cabilly, S. et al., "Screening Phage Display Peptide Libraries on Nitrocellulose Membranes," <i>Methods in Molecular Biology</i> , vol. 87: 20 (185-194) Combinatorial Peptide Library Protocols, (S. Cabilly, Ed. (1998).
	BD	M. Famulok, G. Mayer, "Aptamers as Tools in Molecular Biology and Immunology," <u>Combinatorial Chemistry in Biology</u> , pages 123-136 (1999).
	BE	Árpád Furka, "Introduction to Combinatorial Chemistry," <u>Advanced Chemtech Handbook of Combinatorial &amp; Solid Phase Organic Chemistry, A Guide to Principles, Products and Protocols</u> , pages 7-34.
	BF	Anthony K. Tong and Jingyue Ju, "Single nucleotide polymorphism detection by combinatorial fluorescence energy transfer tags and biotinylated dideoxynucleotides," <i>Nucleic Acids Research</i> , 2002, Vol. 30, No.5, e19 (7 pages)
	BG	Anthony K. Tong, Zengmin Li, Gregg S. Jones, James J. Russo, and Jingyue Ju, "Combinatorial fluorescence energy transfer tags for multiplex biological assays," <i>Nature Biotechnology</i> , Nature Publishing Group, Vol 19, August 2001 (pages 756-759)

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Examiner Initials	I.D.	Patent Number	Issue Date	Patentee	Class	Sub Class	Filing Date if Appropriate
	CA						
	CB						
	CC						

FOREIGN PATENT DOCUMENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS								
Examiner Initials	ID	Document Number	Publication Date	Country or Patent Office	Class	Sub Class	Translation	
							Yes	No
	CD							

OTHER DOCUMENTS (INCLUDE AUTHOR, TITLE, DATE AND PLACE OF PUBLICATION)		
Examiner Initials	ID	Document
	CE	Knappik, A. et al., "Fully Synthetic Human Combinatorial Antibody Libraries (HuCAL) Based on Modular Consensus Frameworks and CDRs Randomized with Trinucleotides," <i>J. Mol. Biol.</i> , 296: 57-86 (2000).
	CF	Cardullo, R. et al., "Detection of nucleic acid hybridization by nonradiative fluorescence resonance energy transfer," <i>Proc. Natl. Acad. Sci.</i> , 85: 8790-8794 (1998).
	CG	Ju Youn, H. et al., "Fluorescence Energy Transfer Immunoassay Based on a Long-Lifetime Luminescent Metal-Ligand Complex," <i>Analytical Chemistry</i> , 232: 24-30 (1995).
	CH	Cabilly, S., "The Basic Structure of Filamentous Phage and Its Use in the Display of Combinatorial Peptide Libraries," <i>Methods in Molecular Biology</i> , vol 87: 15 (129-136) Combinatorial Peptide Library Protocols (S. Cabilly, Ed.) (1998).
	CI	Hanes, J. et al., "In Vitro Selection Methods for Screening of Peptide and Protein Libraries," <i>Combinatorial Chemistry in Biology</i> (M. Famulok et al. Eds) pages 107-122 (1999).
	CJ	US 2002/0106692 Ansell et al. 08/2002
	CK	US 2002/0127623 Minshull et al. 09/2002

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